

## SLR2000 Shelter Specifications

- Pre-fabricated, insulated building.  
Dimensions: 12 ft. x 12 ft. x 8.7 ft. high
- Panels shall consist of interior and exterior metal skins with foamed-in-place urethane insulation. Metal skins shall be galvanized 14-gauge steel.
  - Walls panels shall be 4 inches thick
  - Floor panels shall be 4 inches thick
  - Ceiling/roof panels shall be 6 inches thick, reinforced to support the 10-foot diameter fiberglass dome
- Exterior finish shall be stucco-embossed sand-tan polyester painted
- Interior finish shall be stucco-embossed white paint
- Door shall be 36 inches by 78 inches, hinged walk-in door with insulation and locking device.
- Two exterior, wall mounted heat pump units shall provide heating and air conditioning. Interior temperature shall be maintained at 70 degrees F +/- 3 degrees F.
- Environmental Conditions:
  - Operating Exterior Temperature Range: 20 degrees F to 120 degrees F
  - Survival Wind Speed: 120 miles per hour
  - Snow Load: 30 pounds per square foot
- Shelter foundation shall be a steel reinforced, concrete slab. Support for telescope mount shall be a steel reinforced, concrete pier, which is vibration isolated from the shelter foundation



